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AMENDMENTS TO THE CLAIMS

In the claims, please amend claim 27 and 32 as follows:

1-18. (canceled)

- 19. (previously presented) A method for delivering a polynucleotide to the cytoplasm of a cell comprising:
 - a) forming a first amine-containing amphiphilic polyvinylether polymer;
 - b) forming a second amine-containing amphiphilic polyvinylether polymer capable of causing liposome leakage;
 - c) reversibly modifying the second amine-containing amphiphilic polyvinylether polymer via covalent linkage of a plurality of disubstituted maleic anhydride to amines on the polymer thereby forming a reversibly inhibited membrane active polymer, wherein:
 - i) the reversibly inhibited membrane active polymer is not capable of causing liposome leakage, and
 - ii) exposure of the reversibly inhibited membrane active polymer to acidic pH results in cleavage of the disubstituted maleic anhydride from the second amine-containing amphiphilic polyvinylether polymer; and,
 - d) associating said polynucleotide with the first amine-containing amphiphilic polyvinylether polymer to form a binary complex;
 - e) associating said binary complex with the reversibly inhibited membrane active polymer to form a ternary complex; and
 - f) contacting the cell with the ternary complex resulting in delivery of the polynucleotide to the cell.

20-21. (canceled)

- 22. (previously presented) The method of claim 19 wherein said first amine-containing amphiphilic polyvinylether polymer is crosslinked to said reversibly inhibited membrane active polymer via a pH-labile bond.
- 23. (previously presented) The method of claim 19 wherein said amine-containing amphiphilic polyvinylether polymers disrupt an endocytic membrane of the cell thereby providing delivery of said polynucleotide the cytoplasm of said cell.

24-26. (canceled)

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27. (currently amended) The method of claim 19 wherein said disubstituted maleic anhydrides are selected from the group consisting of: carboxydimethylmaleic anhydride, carboxydimethylmaleic anhydride-thioester, and carboxydimethylmaleic anhydride-polyethylene glycol.

- 28. (previously presented) The method of claim 27 wherein said disubstituted maleic anhydrides are cleaved from said second amine-containing amphiphilic polyvinylether polymer in an endosome.
- 29. (previously presented) The method of claim 19 wherein said amine-containing amphiphilic polyvinylether polymers each have a molecular weight greater than 10,000 Daltons.
- 30. (previously presented) The method of claim 22 wherein said ternary complex consists of a nanoparticle.
- 31. (previously presented) The method of claim 30 wherein said nanoparticle consists of a salt stable nanoparticle.
- 32. (currently amended) The method of claim 31 wherein <u>said</u> ternary complex has a net negative charge.